

**District I**

P.O. Box 1903, Hobbs, NM

**District II**

P.O. Box 1903, Hobbs, NM 88241

**District III**

1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico

Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

(Revised 3/9/94)

SEP 26 1997

**PIT REMEDIATION AND CLOSURE REPORT**

*Denial*  
*No lab analyses*

Operator: LOUIS DREYFUS NATURAL GAS Telephone: (505)885-1313Address: P.O. BOX 370, CARLSBAD, NM 88211Facility Or: FEDERAL 30 #41

Well Name

Location: Unit or Qtr/Qtr Sec 1120'/790'E Sec 30 T 27N R 11W County SAN JUANPit Type: Separator XX Dehydrator      Other     Land Type: BLMXX, State     , Fee     , Other     Pit Location: Pit dimensions: length 28, width 28, depth 14

(Attach diagram)

Reference: wellhead     , other      See AttachedFootage from reference:     

Direction from reference:      Degrees      East North       
of  
     West South     

**Depth To Ground Water:**

(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water)

Less than 50 feet (20 points)  
50 feet to 99 feet (10 points)  
Greater than 100 feet (0 Points) 0

**Wellhead Protection Area:**

(Less than 200 feet from a private  
domestic water source, or; less than  
1000 feet from all other water sources)

Yes (20 points)  
No (0 points) 0

**Distance To Surface Water:**

(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)

Less than 200 feet (20 points)  
200 feet to 1000 feet (10 points)  
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 02/21/96 Date Completed: 02/21/96

Remediation Method: Excavation XX Approx. cubic yards 406

Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

Remediation Location: Onsite XX Offsite \_\_\_\_\_  
(ie. landfarmed onsite,  
name and location of  
offsite facility)

General Description of Remediation Action: \_\_\_\_\_

CONTAMINATION WAS REMEDIATED BY DILUTION AND AERATION.

Ground Water Encountered: No \_\_\_\_\_ Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit:

Closure Sampling:  
(if multiple samples,  
attach sample results  
and diagram of sample  
locations and depths)

Sample location See Attached

Sample depth 14

Sample date 02/21/96 Sample time 01:00:00

Sample Results

Benzene (ppm) 4

Total BTEX (ppm) 5

Field headspace (ppm) \_\_\_\_\_

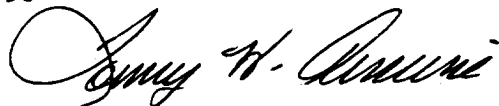
TPH 95

Ground Water Sample: Yes \_\_\_\_\_ No XX (If yes, attach sample results)

I HEREBY CERTIFY THAT INFORMATION ABOVE IS TRUE AND COMPLETE  
TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 09/12/96

SIGNATURE



PRINTED NAME Tommy H. Arnwine, A.S.P  
AND TITLE Environmental & Safety Director

# PIT CLOSURE SAMPLING REPORT

OPERATOR LOUIS DREYFUS NATURAL GAS

ADDRESS : P.O. BOX 370 CARLSBAD. NM 88211

WELL NAME : FEDERAL 30 #41

PIT TYPE : SEPARATOR LEGALS : 1120'N/790'E SEC.30 T27N R11W

## CONFIRMATION SAMPLES

WALL	DEPTH	TPH	BENZENE	BTEX
NORTH	13'	16	1.0	1.3
SOUTH	13'	40	1.9	2.6
EAST	13'	52	2.1	3.0
WEST	13'	10	.3	<1
BOTTOM	13'	95	3.8	4.7

## REMEDIATION SAMPLES

SAMPLE	TPH	BENZENE	BTEX	SAMPLE	TPH	BENZENE	BTEX
1	87	3.4	4.1	17			
2	86	3.6	4.6	18			
3	84	3.0	3.6	19			
4				20			
5				21			
6				22			
7				23			
8				24			
9				25			
10				26			
11				27			
12				28			
13				29			
14				30			
15				31			
16				32			

LOUIS FREYFUS NATURAL GAS  
FEDERAL 30#41

SEPARATOR PIT



11' 264° SW



WELLHEAD